

REMARKS

Claims 3-22 and 31 are pending in the application.

Claims 1, 2, 23-30 and 32-34 have been withdrawn from consideration.

Claims 3-22 and 31 have been rejected.

Claims 3, 6, 10, 12, 13, 19-21 and 31 have been amended.

Unless otherwise specified in the below discussion, Applicants have amended the above-referenced claims in order to provide clarity or to correct informalities in the claims. Applicants further submit that, unless discussed below, these amendments are not intended to narrow the scope of the claims. By these amendments, Applicants do not concede that the cited art is prior to any invention now or previously claimed. Applicants further reserve the right to pursue the original versions of the claims in the future, for example, in a continuing application.

Claim Objections

The Office Action objects to the use of the phrase “configured to” in Claims 1, 6, 10, 12, 13, 19, 21 and 31. *See* Office Action, p.2. Without conceding to the Office Action’s interpretation of the phrase “configured to,” Applicants have amended the cited claims to remove the use of “configured to” as it applies to the graphical user interface.

The Office Action also objects to the use of the term “crassjoin” in Claims 12 and 13. Applicants have reviewed those claims and have modified the spelling of that term to be “crossjoin,” as suggested in the Office Action.

Rejection of Claims Under 35 U.S.C. §103

Claims 3, 6, 7, 8, 10, 15, 16, 17-22 and 31 stand rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent Application Publication No. 2004/0236767 naming Soylemez et al. as inventors (“Soylemez”), further in view of U.S. Patent Application Publication No. 2002/0091681 naming Cras et al. as inventors (“Cras”). Applicants respectfully traverse these rejections.

In order for a claim to be rendered invalid under 35 U.S.C. §103, the subject matter of the claim as a whole would have to be obvious to a person of ordinary skill in the art at the time the invention was made. *See* 35 U.S.C. §103(a). This requires: (1) the reference(s) must teach or suggest all of the claim limitations; (2) there must be some teaching, suggestion or motivation to combine references either in the references themselves or in the knowledge of the art; and (3) there must be a reasonable expectation of success. *See* MPEP 2143; MPEP 2143.03; *In re Rouffet*, 149 F.3d 1350, 1355-56 (Fed. Cir. 1998).

Independent Claims 1, 19, 21 and 31, as amended, each contain amended limitations of substantially the following form:

generating a relational model of a multidimensional data source using one or more of a schema for the multidimensional data source and metadata for the multidimensional data source, wherein

the relational model comprises a relational-to-multidimensional mapping between the virtual relational table and the multidimensional data source, and

the schema and metadata are accessed from the multidimensional data source;

*See, e.g.*, Claim 1 (amended). Applicants submit that support for these amended claim limitations can be found at least at paragraph 22 of the originally filed Application, and that therefore no new matter is added by these amendments. Applicants respectfully

submit that neither Soylemez nor Cras, alone or in combination, provides disclosure of at least these limitations.

The Office Action correlates Soylemez's "virtual return table" with the claimed relational model. *See* Office Action, p.4 (citing Soylemez, ¶ [0074]). Soylemez provides that the "virtual return table" is populated by a "table function." *See* Soylemez, ¶ [0074]. Soylemez's "table function" is defined to "produce a collection of rows that can be queried like a database table." Soylemez, ¶ [0040]. Soylemez further provides:

The table function may operate with one or more input parameters that specify (1) the name of the analytic workspace in which the source data (also referred to as data objects and data items) is stored; (2) the name of a virtual relational table that has been defined to organize the multidimensional data in tabular form; and (3) a mapping of the source data objects to target columns in the table.

Soylemez, ¶ [0045]. Thus, Soylemez's "table function" maps data from the multidimensional source to a virtual relational table.

Soylemez fails to provide any disclosure that the "table function" uses one or more of a schema for the multidimensional data source and metadata for the multidimensional data source accessed from the multidimensional data source in order to generate the virtual return table. The provided parameters to the "table function" do not expressly depend upon the multidimensional schema or metadata, nor do they necessarily depend upon the multidimensional schema or metadata. Soylemez further fails to provide any indication of from where the input parameters for the "table function" are provided. There is no indication that these are provided by accessing the multidimensional data source itself.

The Office Action cites to Cras for the proposition that Cras provides disclosure of the claimed graphical user interface. The Office Action does not cite Cras for disclosure of generating a relational model, as claimed.

Applicants further note that the cited sections of Cras (¶¶ [0074]-[0075]) do not provide disclosure of the graphical user interface either, but merely to a purported “normalized model”. Further, to the degree that the cited sections of Cras do involve a graphical user interface, there is no indication from the cited sections that it permits “pointer-driven selection for database query of one or more tables and columns of data stored in the multidimensional data source and represented by the displayed presentation layer,” as claimed.

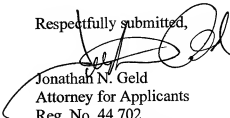
For at least these reasons, Applicants submit that neither Soylemez nor Cras, alone or in combination, provide disclosure of at least the amended limitations of independent Claims 1, 19, 21 and 31, as amended, and all claims depending therefrom and that these claims are in condition for allowance. Applicants therefore respectfully request the Examiner’s reconsideration and withdrawal of the rejections to these claims and an indication of the allowability of same.

### **CONCLUSION**

In view of the amendments and remarks set forth herein, the application and the claims therein are believed to be in condition for allowance without any further examination and a notice to that effect is solicited. Nonetheless, should any issues remain that might be subject to resolution through a telephonic interview, the Examiner is invited to telephone the undersigned at 512-439-5090.

If any extensions of time under 37 C.F.R. § 1.136(a) are required in order for this submission to be considered timely, Applicant hereby petitions for such extensions. Applicant also hereby authorizes that any fees due for such extensions or any other fee associated with this submission, as specified in 37 C.F.R. § 1.16 or § 1.17, be charged to deposit account 502306.

Respectfully submitted,



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